

APPLICANT FACSIMILE OF FORM PTO-1449
REV 7-80U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

10287/031001

SERIAL NO.

09/019,348

APPLICANT

Katia Georgopoulos, Bruce A. Morgan

FILING DATE

February 5, 1998

GROUP

~~1643~~ 1644LIST OF PUBLICATIONS CITED BY APPLICANT
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U.S. PATENT DOCUMENTS

INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
PN	A	WO 94/06814	1994	International appln				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

PN	B	Georgopoulos et al., "The Ikaros gene is required for the development of all lymphoid lineages" CELL 79:143-156 (1994)
PN	C	Hahm et al., "The lymphoid transcription factor LyF-1 is encoded by specific, alternatively spliced mRNAs derived from the Ikaros gene", MOL. AND CELL. BIOLOGY 14:7111-7123 (1994)
PN	D	Molnar et al., "The Ikaros gene encodes a family of functionally diverse zinc finger DNA-binding proteins": MOL. and CELL. BIOLOGY 14:8292-8303 (1994)
PN	E	Winandy et al., "A dominant mutation in the Ikaros gene leads to rapid development of leukemia and lymphoma", CELL 83:289-299 (1995)

Examiner

Patricia J. Nolan

Date Considered

12/15/07

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-89		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 10287/031001	SERIAL NO. 09/019,348
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	07/046,233	09/92	Georgopoulos			
	AB	08/121,438	09/93	Georgopoulos			
	AC	08/238,212	05/94	Georgopoulos			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

PN	AD	Adams, B. et al. "Pax-5- encodes the transcription factor BSAP and is expressed in B lymphocytes, the developing CNS, and adult testis" <i>Genes & Development</i> 6: 1589-1607 (1992);
	AE	Akbar, A.N. et al. "A possible role for <i>bcl-2</i> in regulating T-cell memory - a 'balancing act' between cell death and survival" <i>Immunology Today</i> 14(11): 526-531 (1993);
	AF	Ardavin, C. et al. "Thymic dendritic cells and T cells develop simultaneously in the thymus from a common precursor population" <i>Nature</i> 362: 761-763 (1993);
	AG	Asarnow, D.M. et al. "Limited Diversity of $\gamma\delta$ Antigen Receptor Genes of Thy-1 ⁺ Dendritic Epidermal Cells" <i>Cell</i> 55: 837-847 (2 December 1988);
	AH	Beg, A.A. et al. "The κ B proteins: multifunctional regulators of Rel/NF- κ B transcription factors" <i>Genes & Development</i> 7: 2064-2070 (1993);
	AI	Bigby, M. et al. "Ratio of Langerhan Cells to Thy-1 ⁺ Dendritic Epidermal Cells in Murine Epidermis Influences the Intensity of Contact Hypersensitivity" <i>The Journal of Investigative Dermatology</i> 89(5): 495-499 (November 1987);
	AJ	Boise, L.H. et al. " <i>bcl-x</i> , a <i>bcl-2</i> -Related Gene that Functions as a Dominant Regulator of Apoptotic Cell Death" <i>Cell</i> 74: 597-608 (1993);
	AK	Bours, V. et al. "The Oncoprotein Bcl-3 Directly Transactivates through κ B Motifs via Association with DNA-Binding p50B Homodimers" <i>Cell</i> 72: 729-739 (1993);
	AL	Cepko, C.L. et al "Construction and Applications of a Highly Transmissible Murine Retrovirus Shuttle Vector" <i>Cell</i> 37: 1053-1062 (1984);
	AM	Clevers, H.C. et al. "Transcription factors in early T-cell development" <i>Immunology Today</i> 14(2): 591-596 (1993);
	AN	Connelly, C.S. et al. "The Role of Transgenic Animals in the Analysis of Various Biological Aspects of Normal and Pathologic States" <i>Experimental Cell Research</i> 183: 257-276 (1989);
	AO	Delwel, R. et al. "Four of the Seven Zinc Fingers of the <i>Evi-1</i> Myeloid-Transforming Gene Are Required for Sequence-Specific Binding to GA(C/T)AAGA(T/C)AAGATAA, <i>Molecular and Cellular Biology</i> 13(7): 4291-4300 (1993);
	AP	Ehlich, A. et al. "Immunoglobulin Heavy and Light Chain Genes Rearrange Independently at Early Stages of B Cell Development" <i>Cell</i> 72: 695-704 (1993);

Examiner

Pat. JMR

Date Considered

12/15/03

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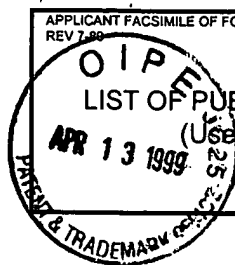
Katia Georgopoulos, Bruce A. Morgan

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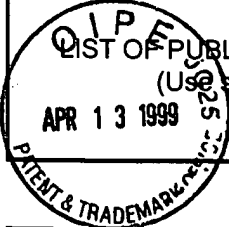


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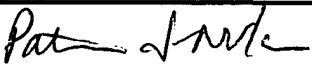
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PN	BA	Fife, A. et al. "Gram negative septicaemia diagnosed on peripheral blood smear appearances" <i>Journal of Clinical Pathology</i> 47 : 82-84 (1994);
	BB	Fleming, W.H. et al. "Functional Heterogeneity Is Associated with the Cell Cycle Status of Murine Hematopoietic Stem Cells" <i>J. Cell Biol.</i> 122 : 897-902 (1993);
	BC	Franzoso, G. et al. "The oncoprotein Bcl-3 can facilitate NF- κ B-mediated transactivation by removing inhibiting p50 homodimers from select κ B sites" <i>The EMBO Journal</i> , Vol. 12, no. 10 3893-3901 (1993);
	BD	Furley, A.J. et al. "Developmentally Regulated Rearrangement and Expression of Genes Encoding the T Cell Receptor-T3 Complex" <i>Cell</i> , Vol. 46 : 75-87 (July 1986);
	BE	Garni-Wagner, B.A. et al. "Natural Killer Cells in the Thymus" <i>The Journal of Immunology</i> 144 (3): 796-803 (1990);
	BF	Georgopoulos, K. et al. "Functionally Distinct Isoforms of the CRE-BP DNA-Binding Protein Mediate Activity of a T-Cell-Specific Enhancer" <i>Molecular and Cellular Biology</i> 12 (2): 747-757 (February 1992);
	BG	Georgopoulos, K. et al. "A T cell-specific enhancer is located in a DNase I-hypersensitive area at the 3' end of the CD3- δ gene" <i>The EMBO Journal</i> 7 (8): 2401-2407 (August 1988);
	BH	Godfrey, D.I. and A. Zlotnik "Control points in early T-cell development" <i>Immunology Today</i> 14 (11): 547-553 (1993);
	BI	Gogos, J.A. et al. "Sequence Discrimination by Alternatively Spliced Isoforms of a DNA Binding Zinc Finger Domain" <i>Science</i> 257 : 1951-1955 (1992);
	BJ	Hackett, Jr., J. et al. "Origin and Differentiation of Natural Killer Cells" <i>The Journal of Immunology</i> 136 (8): 3124-3131 (1986);
	BK	Hackett, Jr., J. et al. "Transplantable progenitors of natural killer cells are distinct from those of T and B lymphocytes" <i>Proc. Natl. Acad. Sci USA</i> 83 : 3427-3431 (1986);
	BL	Hardy, R.R. et al. "Resolution and Characterization of Pro-B and Pre-Pro-B Cell Stages in Normal Mouse Bone Marrow" <i>J. Exp. Med.</i> 173 : 1213-1225 (May 1991);
	BM	Havran, W.L. and J.P. Allison. "Developmentally ordered appearance of thymocytes expressing different T-cells antigen receptors" <i>Nature</i> 335 : 443-445 (1988);
	BN	Havran, W.L. and J.P. Allison "Origin of Thy-1+ dendritic epidermal cells of adult mice from fetal thymic precursors" <i>Nature</i> 344 : 68-70 (1990);
	BO	Havran, W.L. et al. "Limited diversity of T-cell receptor γ -chain expression of murine Thy-1+ dendritic epidermal cells revealed by V γ 3-specific monoclonal antibody" <i>Proc. Natl. Acad. Sci. USA</i> 86 : 4185-4189 (1989);
	BP	Haynes, B. et al. "Ontogeny of T-cell precursors: a model for the initial stages of human T-cell development" <i>Immunology Today</i> 10 (3): 87-90 (1989);
	BQ	Hestdal, K. et al. "Characterization and Regulation of RB6-8C5 Antigen Expression on Murine Bone Marrow Cells" <i>J. Immunol.</i> 147 (1): 22-28 (1 July 1991);
	BR	Ho, I.-C. et al. "Human GATA-3: a lineage-restricted transcription factor that regulates the expression of the T cell receptor α gene" <i>The EMBO Journal</i> 10 (5): 1187-1192 (1991);
PN	BS	Ho, I.-C. et al. "Sequence-Specific Binding of Human Ets-1 to the T Cell Receptor α Gene Enhancer" <i>Science</i> 250 : 814-818 (1990);
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		GROUP 1643 1644	

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

PN	CA	Hsu, T. et al. "Multiple Zinc Finger Forms Resulting from Developmentally Regulated Alternative Splicing of a Transcription Factor Gene" <i>Science</i> <u>257</u> : 1946-1950 (1992);
	CB	Ikuta, K. et al. "A Developmental Switch in Thymic Lymphocyte Maturation Potential Occurs at the Level of Hematopoietic Stem Cells" <i>Cell</i> <u>62</u> : 863-874 (1990);
	CC	Ikuta, K. et al. "Lymphocyte Development From Stem Cells" <i>Annu. Rev. Immunol.</i> <u>10</u> : 759-783 (1992);
	CD	Jiang, J. and M. Levine "Binding Affinities and Cooperative Interactions with bHLH Activators Delimit Threshold Responses to the Dorsal Gradient Morphogen" <i>Cell</i> <u>72</u> : 741-752 (1993);
	CE	Juhlin, L. and W.B. Shelley "New Staining Techniques for the Langerhans Cell" <i>Acta Dermatovener</i> <u>57</u> : 289-296 (1977);
	CF	Kang, S.-M. et al. "NF- κ B Subunit Regulation in Nontransformed CD4 ⁺ T Lymphocytes" <i>Science</i> <u>256</u> : 1452-1456 (1992);
	CG	Karasuyama, H. et al. "The Expression of V _{pre-B} / λ 5 Surrogate Light Chain in Early Bone Marrow Precursor B Cells of Normal and B Cell-Deficient Mutant Mice" <i>Cell</i> <u>77</u> : 133-143 (8 April 1994);
	CH	Lagasse, E. and I.L. Weissman "BCL-2 Transgene Inhibits Neutrophils Cell Death But Not Their Engulfment By Microphages" <i>J. Biochem.</i> <u>0</u> (Suppl. 17D): 168 (13-31 March 1993);
	CI	Leiden, J.M. "Transcriptional regulation during T-cell development: The α TCR gene as a molecular model" <i>Immunology Today</i> <u>13</u> (1): 22-30 (January 1992);
	CJ	Lenardo, M.J. and D. Baltimore "NF- κ B: A Pleiotropic Mediator of Inducible and Tissue-Specific Gene Control" <i>Cell</i> <u>58</u> : 227-229 (1989);
	CK	Li, E. et al. "Targeted Mutation of the DNA Methyltransferase Gene Results in Embryonic Lethality" <i>Cell</i> <u>69</u> : 915-926 (1992);
	CL	Li, Y.-S. et al. "The Regulated Expression of B Lineage Associated Genes during B Cell Differentiation in Bone Marrow and Fetal Liver" <i>J. Exp. Med.</i> <u>178</u> : 951-960 (1993);
	CM	Liang, P. et al. "Distribution and cloning of eukaryotic mRNAs by means of differential display: refinements and optimization" <i>Nucleic Acids Research</i> <u>21</u> (14): 3269-3275 (1993);
	CN	Mann, R. et al. "Construction of a Retrovirus Packaging Mutant and Its Use to Produce Helper-Free Defective Retrovirus" <i>Cell</i> <u>33</u> : 153-159 (1993);
	CO	Martin, D.I.K. et al. "Expression of an erythroid transcription factor in megakaryocytic and mast cell lineages" <i>Nature</i> <u>344</u> : 444-447 (1990);
	CP	McDonnell, T.J. and S.J. Korsmeyer "Progression from lymphoid hyperplasia to high-grade malignant lymphoma in mice transgenic for the t(14;18)" <i>Nature</i> <u>349</u> : 254-256 (1991);
	CQ	McDonnell, T.J. et al. "bcl-2-Immunoglobulin Transgenic Mice Demonstrate Extended B Cell Survival and Follicular Lymphoproliferation" <i>Cell</i> <u>57</u> : 79-88 (1989);
	CR	Metcalf, D. "The molecular control of cell division, differentiation commitment and maturation in haemopoietic cells" <i>Nature</i> <u>339</u> : 27-30 (1989);
	CS	Mombaerts, P. et al. "RAG-1-Deficient Mice Have No Mature B and T Lymphocytes" <i>Cell</i> <u>68</u> : 869-877 (1992);
✓	CT	Mucenski, M.L. et al. "A Functional c-myc Gene is Required for Normal Murine Fetal Hepatic Hematopoiesis" <i>Cell</i> <u>65</u> : 677-689 (1991);
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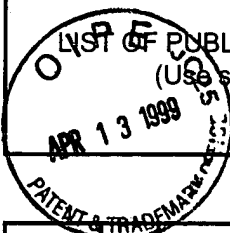
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PW	Oltvai, Z.N. et al. "Bcl-2 Heterodimerizes In Vivo with a Conserved Homolog, Bax, That Accelerates Programed Cell Death" <i>Cell</i> 74 : 609-619 (1993);
DB	Oosterwegel, M. et al. "Cloning of Murine TCF-1, a T Cell-specific Transcription Factor Interacting with Functional Motifs in the CD3- ϵ and T Cell Receptor α Enhancers" <i>J. Exp. Med.</i> 173 : 1133-1142 (May 1991);
DC	Oosterwegel, M. et al. "Differential expression of the HMG box factors TCF-1 and LEF-1 during murine embryogenesis" <i>Development</i> 118 : 439-448 (1993);
DD	Philpott, K.L. et al. "Lymphoid Development in Mice Congenitally Lacking T Cell Receptor $\alpha\beta$ -Expressing Cells" <i>Science</i> 256 : 1448-1452 (5 June 1992);
DE	Raulet, D.H. et al. "Control of $\gamma\delta$ T-Cell Development" <i>Immunological Reviews</i> 120 :185-204 (1991);
DF	Read, D. and J.L. Manley "Alternatively spliced transcripts of the <i>Drosophila</i> <i>tramtrack</i> gene encode zinc finger proteins with distinct DNA binding specificities" <i>The EMBO Journal</i> 11 (3): 1035-1044 (1992);
DG	Rodewald, H.-R. et al. "A Population of Early Fetal Thymocytes Expressing Fc γ RII/III Contains Precursors of T Lymphocytes and Natural Killer Cells" <i>Cell</i> 69 : 139-150 (1992);
DH	Rolink, A. and F. Melchers "Molecular and Cellular Origins of B Lymphocyte Diversity" <i>Cell</i> 66 : 1061-1094 (1991);
DI	Rudnicki, M.A. et al. "Inactivation of <i>MyoD</i> in Mice Leads to Up-Regulation of the Myogenic HLH Gene <i>Myf-5</i> and Results in Apparently Normal Muscle Development" <i>Cell</i> 71 : 383-390 (1992);
DJ	Sawyers, C.L. et al. "Leukemia and the Disruption of Normal Hematopoiesis" <i>Cell</i> 64 : 337-350 (1991);
DK	Sentman, C.L. et al. "bcl-2 Inhibits Multiple Forms of Apoptosis but Not Negative Selection in Thymocytes" <i>Cell</i> 67 : 879-888 (1991);
DL	Shinkai, Y. et al. "RAG-2-Deficient Mice Lack Mature Lymphocytes Owing to Inability to Initiate V(D)J Rearrangement" <i>Cell</i> 68 : 855-867 (1992);
DM	Skeath, J.B. et al. "Gene regulation in two dimensions" the proneural <i>achaete</i> and <i>scute</i> genes are controlled by combinations of axis-patterning genes through a common intergenic control region" <i>Genes & Development</i> 6 : 2606-2619 (1992);
DN	Spangrude, G.J. "Enrichment of murine haemopoietic stem cells: diverging roads" <i>Immunology Today</i> 10 (10): 344-350 (1989);
DO	Spangrude, G.J. et al. "Purification and Characterization of Mouse Hematopoietic Stem Cells" <i>Science</i> 241 :58-62 (1 July 1988);
DP	Spanopoulou, E. et al. "Functional immunoglobulin transgenes guide ordered B-cell differentiation in Rag-1-deficient mice" <i>Genes & Development</i> 8 : 1030-1042 (1994);
DQ	Travis, A. et al. "LEF-1, a gene encoding a lymphoid-specific with protein, an HMG domain, regulates T-cell receptor α enhancer function" <i>Genes & Development</i> 5 : 880-894 (1991);
DR	Turner, Jr., C.A. et al. "Blimp-1, a Novel Zinc Finger-Containing Protein that Can Drive the Maturation of B Lymphocytes into Immunoglobulin-Secreting Cells" <i>Cell</i> 77 : 297-306 (22 April 1994);
Examiner	Pat LANE Date Considered 12/15/03
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Comments (including Author, Title, Date, Volume, Pages, Etc.)		
PN	A	Georgopoulos et al., "Tissue-specific nuclear factors mediate expression of the CD3-delta gene during T cell development" EMBO JOURNAL 9:109-115 (1991) 1992
↓	B	Georgopoulos et al., "Ikaro, an early lymphoid-specific transcription factor and a putative mediator for T cell commitment" SCIENCE 258:808-812 (1992)
	C	Georgopoulos et al., Ikaro an early lymphoid restricted regulatory protein, a putative modulator for T cell specification" J. CELLULAR BIOCHEM. Vol SUPPL. 17A:B631 (1993)
	D	Singh et al., "Molecular cloning of an enhancer binding protein: isolation by screening of an expression library with a recognition site DNA" CELL 52:415-423 (1988)
Examiner		Date Considered
Patricia Nelson		12/15/03

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